Index of Claims

| Appl | lication/ | Control | No |
|------|-----------|---------|----|
|------|-----------|---------|----|

10/726,486

Examiner

Tamthom N. Truong

Applicant(s)/Patent under Reexamination

ISHIHARA ET AL.

**Art Unit** 

1624

| <b>√</b> | Rejected |
|----------|----------|
|          | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |          |                |          |          |  |                 |          |          |            |  |     |            |          |                 |          | _        |          |          |          |           |               |     |                 |            |          |                 |                 |          |          |          |           |          |             |
|----------|----------|----------------|----------|----------|--|-----------------|----------|----------|------------|--|-----|------------|----------|-----------------|----------|----------|----------|----------|----------|-----------|---------------|-----|-----------------|------------|----------|-----------------|-----------------|----------|----------|----------|-----------|----------|-------------|
| Cla      | im       | <u> </u>       | ·        | _        | <u> </u>   | Dat             | te_      | _        | _          | _  |     | Claim Date |          |                 |          |          |          |          |          | 4         | Cla           | aim | <u> </u>        |            | _        | _ [             | Date            | e_       |          |          | _         |          |             |
| Final    | Original | 12/7/05        |          |          |  |                 |          |          |            |  |     | Final      | Original |                 |          |          |          |          |          |           |               |     | Final           | Original   |          |                 |                 |          |          |          |           |          |             |
|          | 1        | 1              |          | Т        | $\top$   | T               | 1        | Т        | $\top$     | П  | 1 1 |            | 51       |                 |          | 寸        | 寸        |          | T        | 1         |               | 7   |                 | 101        | Г        |                 |                 |          | $\vdash$ | Т        | П         |          |             |
|          | 2        | П              | Г        | П        | Т  |                 | Т        | Τ        |            | П  | 1 1 |            | 52       |                 |          | $\neg$   |          | $\neg$   | $\neg$   | T         |               | 7   |                 | 102        | П        |                 |                 |          |          | Π        | П         |          |             |
|          | 3        |                |          |          |  |                 |          |          |            |  | ] [ |            | 53       |                 |          |          |          |          |          |           |               | ]   |                 | 103        |          |                 |                 |          |          |          |           |          |             |
|          | 4        | П              |          |          |  |                 |          | L        |            |  | ] [ |            | 54       |                 |          |          |          |          |          |           |               |     |                 | 104        |          |                 |                 |          |          |          |           |          |             |
|          | 5        | Ц              | <u> </u> | L        | ╙  | 上               | 1_       | $\perp$  | <u> </u>   | L  | ]   |            | 55       |                 | Щ        | _        |          | _        | 4        | _         |               | _   |                 | 105        |          | oxdot           | _               |          | L        |          | Ш         |          | <u></u>     |
| <u> </u> | 6        | Ш              | <u> </u> | <u> </u> | ╙  | $oxed{igspace}$ | ╄        | ╄        | ↓_         | ╙  |     |            | 56       | _               | $\Box$   | 4        | _        | 4        | 4        | _         |               | 4   |                 | 106        | ╙        | Ш               | ļ               | L        |          | L        | Ш         | _        | <u> </u>    |
|          | 7        | H              | ├        | ├        | ┝  | ₩               | ╀        | ╀        | ┼          | ⊢  |     |            | 57       | $\vdash$        | $\vdash$ | $\dashv$ | $\dashv$ |          | $\dashv$ | -         |               | 4   |                 | 107        |          | _               | _               | _        |          |          |           |          | <u> </u>    |
|          | 8        | ╀              | ⊢        | ⊢        | ╀  | ╀               | ╀        | ╄╌       | +-         | -  | ┨   |            | 58<br>59 | ⊢               |          | $\dashv$ | $\dashv$ |          | +        | 4         | -             | 4   | $\vdash$        | 108<br>109 | -        |                 | H               | $\vdash$ | <u> </u> | -        |           |          | <u> </u>    |
|          | 10       | ╫              | ┝        | ┝        | $\vdash$   | ╁               | ╁        | ╁        | ╀          | ⊢  | ┨   | _          | 60       | H               | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | ┥         | -             | ┨   | $\vdash$        | 110        | -        | $\vdash$        | $\vdash$        | $\vdash$ |          | -        | Н         | _        | $\vdash$    |
|          | 11       | H              | -        | ┢╌       | ╁  | -               | +        | ╁╌       | ╁          | 1  | 1 1 |            | 61       | -               | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  | +             | ┨   | ┝┈┤             | 111        | ┝        | Н               | -               | $\vdash$ | -        | $\vdash$ | H         | _        | ┢           |
|          | 12       | H              | T        | $\vdash$ | $t^{-}$  | $t^{-}$         | $\vdash$ | t        | 1          | <del>                                     </del> | 1 1 |            | 62       | $\vdash$        | $\vdash$ | -        | ᅱ        | -        | 十        | $\dashv$  | $\dashv$      | 1   | $\vdash \vdash$ | 112        | $\vdash$ | $\vdash$        | $\vdash$        | $\vdash$ |          |          | H         | -        | $\vdash$    |
|          | 13       | $\dagger$      | t        | $\vdash$ | T  | 1               | T        | 1        | †          | <del>                                     </del> | 1 1 |            | 63       |                 | $\vdash$ | _        | $\dashv$ | $\dashv$ | $\dashv$ | 7         | +             | 1   |                 | 113        |          | Н               | Н               | П        |          |          |           |          | _           |
|          | 14       | $  \uparrow  $ |          |          | Π  | Г               | T        | T        | T          | T  |     |            | 64       | П               | $\Box$   | 寸        | $\dashv$ | $\neg$   | 十        | 7         | $\top$        | 1   |                 | 114        | Т        | П               | Г               |          | _        |          |           | _        | $\vdash$    |
|          | 15       |                |          |          | L  |                 | Ĺ        |          |            |  |     |            | 65       |                 |          |          |          |          |          |           |               |     |                 | 115        |          | П               |                 |          |          |          |           | _        |             |
|          | 16       | П              |          |          |  |                 |          |          |            |  |     |            | 66       |                 |          |          |          |          |          |           |               | ]   |                 | 116        |          |                 |                 |          |          |          |           |          |             |
|          | 17       | Ц              | _        |          |  |                 |          |          |            |  | ] [ |            | 67       |                 |          |          |          |          |          |           |               | ]   |                 | 117        |          |                 |                 |          |          |          |           |          |             |
|          | 18       | Ш              | L        | ļ        | _  | ┖               |          | <u> </u> | L.         |  |     |            | 68       |                 |          |          |          |          |          |           |               | ]   |                 | 118        |          |                 |                 |          |          |          |           |          |             |
|          | 19       | Ц              |          |          |  | _               | _        | <u> </u> | <u> </u>   | <u>_</u>   | ] ] |            | 69       | Ц               | $\Box$   |          |          | _        | 4        | 4         |               | ╛   | Ш               | 119        | <u> </u> |                 | Ш               |          |          |          |           |          |             |
|          | 20       | Щ              | ╙        | <u> </u> | ┞  | ╙               | ╄        | ↓_       | ļ.,        | _  |     |            | 70       |                 |          |          | _        | _        | _        | 4         |               | 4   |                 | 120        | _        |                 |                 |          |          |          | $\Box$    |          | <u> </u>    |
|          | 21       | H              | ┞        | <u> </u> | ┡  | ┡               | ⊢        | ├_       | <b>↓</b> _ | _  |     |            | 71       | Ш               | _        |          |          | 4        | 4        | 4         | _             | 4 : |                 | 121        | _        | Ш               |                 | Ш        |          |          |           |          | <u> </u>    |
|          | 22       | Н              | H        | -        | ├  | ⊢               | ⊢        | ┢        | ├-         | <u> </u>   |     |            | 72       | -               | -        | -        | -        |          | 4        | 4         | -             |     | $\vdash$        | 122        | <u> </u> |                 |                 | Ш        |          | H        | $\dashv$  |          | $\vdash$    |
|          | 24       | +              | $\vdash$ | ┝        | ┢  | ├               | ┼─       | ╁        | +          | _  |     |            | 73<br>74 | Н               | -        | -        | -        | -        | +        | $\dashv$  |               |     | $\vdash$        | 123<br>124 | ├-       | Н               |                 | Н        |          | -        | $\dashv$  |          | <u> </u>    |
|          | 25       | +              |          | -        | ├  | ╁               | ╁        | ╁        | ╁╌         | ├  | 1   |            | 75       | Н               | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | +         |               | -   | $\vdash$        | 125        | ⊢        | Н               | -               | -        |          | H        | $\dashv$  |          | $\vdash$    |
|          | 26       | <i>√</i>       | $\vdash$ | Η.       | $\vdash$   | $\vdash$        | ╁╌       | ╁        | $\vdash$   | $\vdash$   | 1 1 |            | 76       | Н               |          | $\dashv$ | $\dashv$ | $\dashv$ | +        | ┪         | $\dashv$      | -   |                 | 126        | ┢        | Н               | $\vdash$        |          |          | -        | $\dashv$  | -        | <del></del> |
|          | 27       | Ť              | -        | H        | ┢  | <del> </del>    | 1-       | $\vdash$ |            | _  | 1 1 |            | 77       | Н               | $\dashv$ | -        | -        | $\dashv$ | +        | ┪         | $\dashv$      | ┨   |                 | 127        | -        | $\vdash$        | Н               |          |          | Н        | $\dashv$  |          |             |
|          | 28       | $\dagger$      | ┢        |          | T  | T               | T        | T        | t          | <u> </u>   | l l |            | 78       | Н               | $\dashv$ | 7        | 7        |          | 十        | 7         | +             | 1   |                 | 128        | $\vdash$ | Н               | Н               | Н        |          | $\vdash$ | $\exists$ |          | -           |
|          | 29       | 7              | Г        |          |  | T               | 1        |          | T          | $\vdash$   | ĺ   |            | 79       |                 | $\neg$   | $\dashv$ | $\neg$   | $\neg$   | 十        | 7         |               | 1   |                 | 129        |          | Н               |                 |          |          | Н        | $\dashv$  | _        | _           |
|          | 30       |                |          |          |  |                 |          | 1        | Т          |  |     |            | 80       | П               | ヿ        |          |          | T        | 十        | 7         | $\top$        | 7 . |                 | 130        |          |                 |                 |          |          |          | $\dashv$  |          |             |
|          | 31       |                |          |          |  |                 |          |          | _          |  | [   |            | 81       |                 |          | T        |          |          | $\top$   |           |               | 1   |                 | 131        |          | П               |                 |          |          |          |           |          |             |
|          | 32       |                |          |          |  |                 |          |          |            |  |     |            | 82       |                 |          |          |          |          |          | $\Box$    |               | ]   |                 | 132        |          |                 |                 |          |          |          |           |          |             |
|          | 33       |                |          |          |  |                 |          | <u> </u> | _          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$     |     |            | 83       | Ш               | $\Box$   | _        |          |          | $\perp$  |           |               |     |                 | 133        |          | Ш               |                 |          |          |          |           |          |             |
|          | 34       |                | _        |          | _  | _               | _        | L        | _          | L  |     |            | 84       |                 | _        | _        | 4        | _[       | _        | 4         |               | _[  |                 | 134        |          |                 |                 |          |          | 30.00    | $\Box$    |          | L.          |
|          | 35       |                | -        |          | <u> </u>   | <u> </u>        | ┞        | <u> </u> | <u> </u>   | _  |     |            | 85       |                 | _        | 4        | $\dashv$ | 4        | _        | 4         | $\perp$       | 1   |                 | 135        | <u> </u> | Щ               |                 | Ш        |          |          |           | _        |             |
|          | 36       |                | -        | _        | $\vdash$   | <u> </u>        | $\vdash$ | H        |            | _  |     |            | 86       | -               | -        | 4        | 4        | 4        | 4        | 4         | -             | 4   |                 | 136        | _        | Ш               |                 |          |          |          | _         |          |             |
|          | 37<br>38 |                |          |          | H  | -               | ├-       | ┢        | ┝          | H  | -   |            | 87       | $\vdash \vdash$ | -        | +        | -        | $\dashv$ | -        | +         |               | -   |                 | 137        | _        | $\vdash \vdash$ | _               | $\Box$   |          |          | -         | _        | <u> </u>    |
|          | 39       | _              | $\vdash$ |          | $\vdash$   | ⊢               | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   |     |            | 88<br>89 | $\vdash$        | $\dashv$ | -        | -        | $\dashv$ | +        | +         | +             | ┨   | $\vdash$        | 138<br>139 | $\vdash$ | $\vdash \vdash$ | $\dashv$        |          | _        | $\vdash$ |           | _        | _           |
| -        | 40       |                | $\vdash$ | _        | $\vdash$   | ⊢               | +        | $\vdash$ | $\vdash$   |  |     |            | 90       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  | $\dashv$      | -   | $\vdash$        | 140        | $\vdash$ | $\vdash$        | $\vdash \vdash$ | $\vdash$ | -        | Н        | $\dashv$  | -        | _           |
|          | 41       | _              | $\vdash$ | -        |  | $\vdash$        | $\vdash$ | +-       | t          |  |     |            | 91       | $\vdash \vdash$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | +        | +         | -             | ┨   | $\vdash$        | 141        | $\vdash$ | $\vdash \vdash$ |                 | $\vdash$ | -        | $\vdash$ | -         | $\dashv$ | _           |
|          | 42       |                | $\vdash$ |          | <del>                                     </del> | ✝               | T        | $\vdash$ | $t^-$      |  |     |            | 92       | $\vdash$        | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  | $\dashv$      | 1   |                 | 142        | Η.       | $\vdash \vdash$ | -               | -        |          |          | $\dashv$  | -        | —           |
|          | 43       | _              | H        |          |  |                 |          | 1        | 1          |  |     |            | 93       | $\vdash$        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\top$        | 1   |                 | 143        | _        | $\vdash$        | $\dashv$        |          | -        |          | +         | $\dashv$ | —           |
| -        | 44       |                | П        |          | $\Box$   |                 | Г        | ⇈        | П          | Н  |     |            | 94       | Н               | _        | _        | +        | -+       | $\dashv$ | $\forall$ | +             | 1   | $\vdash$        | 144        | Т        | Н               | -               | $\dashv$ | $\neg$   | $\vdash$ | -         |          | _           |
|          | 45       |                |          |          |  |                 | Γ        |          |            | П  |     |            | 95       | $\Box$          | _        | $\dashv$ | $\dashv$ | 7        | $\dashv$ | 寸         | $\top$        | 1   |                 | 145        | П        | $\vdash$        |                 | _        | $\dashv$ | $\vdash$ | 一         |          |             |
|          | 46       |                |          |          |  |                 |          |          |            |  |     |            | 96       | Ħ               | 寸        | $\neg$   | $\dashv$ | T        | $\top$   | $\top$    | $\neg \vdash$ | 1   |                 | 146        |          | $\Box$          | _               | $\dashv$ |          |          | +         | $\dashv$ | $\neg$      |
|          | 47       |                |          |          |  |                 |          | 匚        |            |  |     |            | 97       |                 |          |          |          |          |          | 1         |               | ]   |                 | 147        |          |                 |                 |          |          |          | $\Box$    |          |             |
|          | 48       |                |          |          | Ш  |                 | Ĺ        |          |            |  |     |            | 98       |                 | $\Box$   | $\Box$   | $\Box$   |          | $\perp$  | I         |               | ] [ |                 | 148        |          |                 |                 |          |          |          |           |          |             |
|          | 49       |                |          | _        |  | _               | L        |          | Ш          | $\Box$   | L   |            | 99       |                 |          |          |          | $\bot$   | $\perp$  | I         |               | ] [ |                 | 149        |          |                 |                 |          |          |          | $\Box$    |          |             |
|          | 50       |                |          |          | لبا  | <u> </u>        | <u> </u> |          |            | لـــا  | L   |            | 100      |                 |          | $\perp$  |          | $\perp$  | $\perp$  | $\bot$    | _             | IJl |                 | 150        |          |                 |                 |          | ]        | I        | $\Box$    |          |             |